
2009 SOLAR ENERGY TECHNOLOGIES PROGRAM PEER REVIEW WEBINAR

Overview of Peer Review Process

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Overview: Why and Who

“Objective review and advice from peers—peer review—provides you, as managers, staff, or researchers, a powerful and effective tool for enhancing the management, relevance, effectiveness, and productivity of all of the Office of Energy Efficiency and Renewable Energy (EERE) research, development, demonstration, deployment (RD³) and supporting business management programs.”
EERE Peer Review Guidance

- Chairperson: Joe Morabito, Alcatel/Lucent Technologies
- DOE Lead: Marie Mapes
- Other Executive Committee Members:
 - Jim Sites, CSU
 - Lynnae Boyd, NREL
 - Charlie Hanley, SNL
 - Carolyn Elam, GO
- Contractor Support:
 - Kevin DeGroat, Antares Group (Peer Review Technical Support)
 - Carla Battle, Courtesy Associates (Logistics, Reviewer Reimbursement)

Overview: Structure and Agenda

■ Ten Technical Tracks:

- Crystalline Silicon & Related (Day 1)
- Concentrating Solar Power (Day 1 and 2)
- Demonstration Projects (Day 1)
- Exploratory Research (Day 1 and 2)
- III-V & Concentrators (Day 1)
- Evaluation, Validation and Analysis (Day 1 and 2)
- Market Transformation (Day 1 and 2)
- Nano Technology/Materials and Quantum Dots (Day 1 and 2)
- Supporting Research (Day 2)
- Thin Films (Day 1 and 2)

■ Peer Reviewers

- 1 Group Leader per Track, Also Participates in March 11 Program Review

- 2 to 4 Peer Reviewers

■ Staff

- 1 Track Lead from Program
- 1 Moderator/Notetaker from Antares/New West Per Track
- Carla Battle, Courtesy Associates, for Logistics

Logistics/Schedule

1545 - 1615 Parallel Technical Sessions

Denver I	Evaluation, Validation & Analysis	Inverter/EMS Solicitation	Bower
Denver II	Market Transformation	State Technical Outreach	Sinclair
Denver III	Crystalline Silicon & Related	Feedback and Discussion	
Denver IV	Demonstrations	Feedback and Discussion	
Denver V	III-V & Concentrators	CPV Reliability Evaluation	Tamizh-Mani
Denver VI	Thin Films	Feedback and Discussion	
Silverton	Concentrating Solar Power	Facility Plans	Mancini
Pomeroy	Nano & Quantum Dots	Si Quantum Dot Solar Cells	Stradins
<u>Nat Hill</u>	<u>Exploratory</u>	<u>Silicon From Agricultural By-Products</u>	<u>Laine</u>

- Each Track Stays in One Room
- Underlined/Italic means a closed session – no one but staff, reviewers and PIs allowed
- Presenter is PI, with option of co-investigators participating, no audience participation

Denver I	Evaluation, Validation & Analysis	Feedback and Discussion
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- Periods start with closed-door peer reviewer discussion of projects
- Chance to invite PIs back for immediate feedback, further discussion

1330 - 1430	Denver Ballroom	PV Peer Reviewer Discussion and Report Preparation including C-SI & Related, III-V & Concentrator, Thin Films, Exploratory, Nano & Quantum Dots
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- Four Multi-Track Gatherings on Day 2 PM: PV Market Transformation and Demos CSP Evaluation, Validation and Analysis
- Peer Reviewers Compare Findings, Highlight Key Issues Within Tracks, Any Cross-Cutting Issues or Observations, Prepare a Report (PowerPoint)
- Report and Discussion with Program Managers, PIs, Colleagues

Logistics Presentations/Evaluations

- Before Review
 - Written Materials (Summary, Presentation, CVs) Due on Website Feb. 18th
 - Review Forms for Each Reviewer for Each Track on Website
 - Use Forms Customized for Your Use
- At Review
 - 20 Minutes of Presentation (Hold Significant Questions Until End) Strictly Enforced
 - 10 Minutes of Q/A - Brief, Single-Part, From Each Peer Reviewer in Turn
 - Feedback Sessions at End of Day Available for Further Questions and For Immediate Feedback to PIs
- After the Review
 - 1 Week to Submit Final Evaluation Forms
 - Reimbursement and Honoraria Disbursed